Exam. Code : 208604
Subject Code : 4142

M.Sc. Information Technology 4ᵗʰ Semester

ARTIFICIAL NEURAL NETWORK

Paper–MIT–403

Time Allowed—3 Hours]   [Maximum Marks—100

Note :— Attempt any **five** questions. **All** questions carry equal marks.

1. How has ANN evolved ? Discuss briefly.

2. What is knowledge representation ? What are the issues related to it ?

3. What is unsupervised learning ?

4. Explain the LMS method briefly.

5. Write and explain pocket learning algorithm.

6. What is Anderson's BSB Model ? How is it trained ?

7. What is Backpropagation ? How does it work ?

8. Write short notes on any **two** of the following :

    (a) Neural Network Learning

    (b) Linear Machines

    (c) Pattern Recognition.